Fig. 1

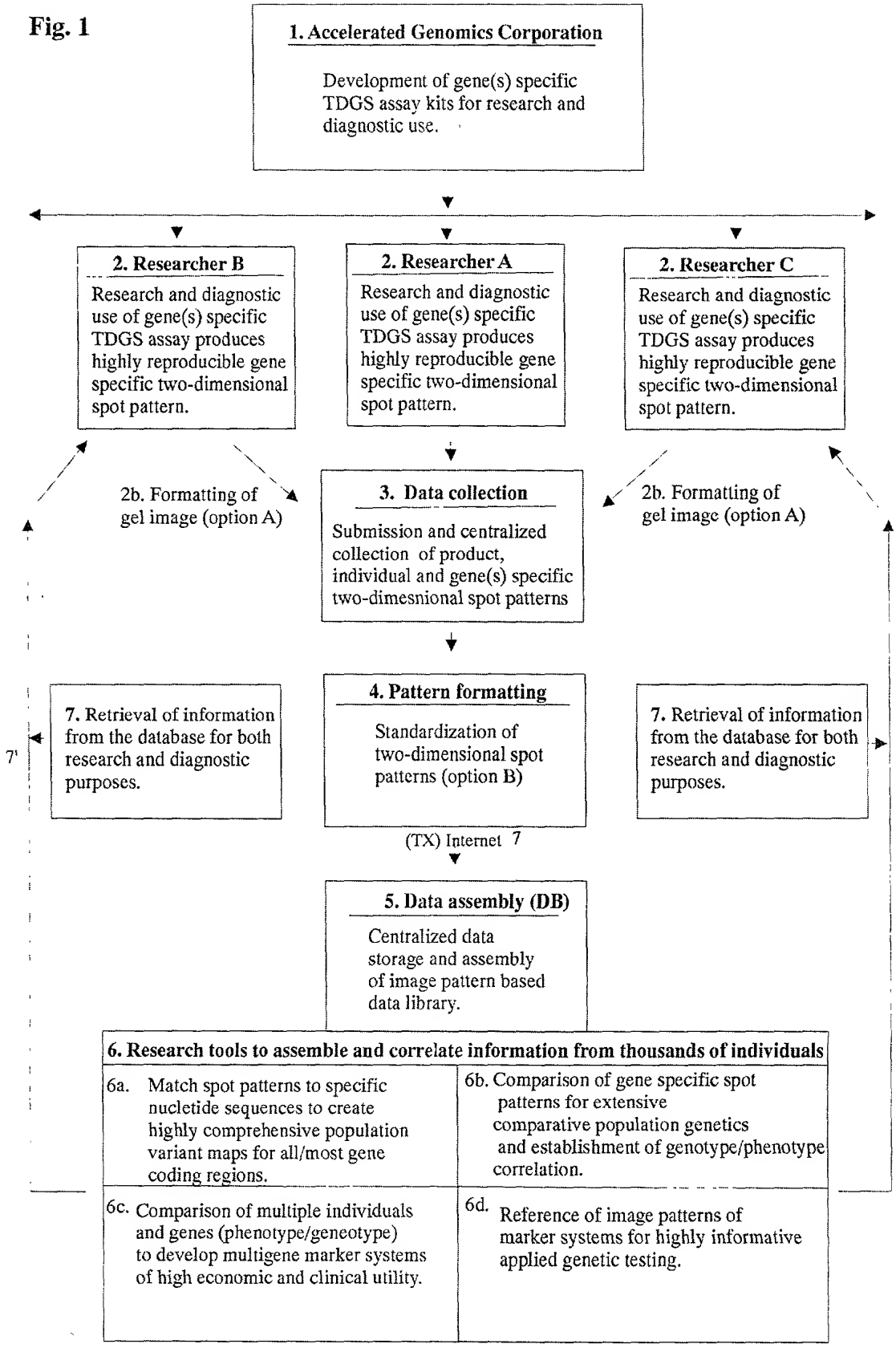

1. Accelerated Genomics Corporation
Development of gene(s) specific TDGS assay kits for research and diagnostic use.
2. Researcher B
Research and diagnostic use of gene(s) specific TDGS assay produces highly reproducible gene specific two-dimensional spot pattern.
2. Researcher A
Research and diagnostic use of gene(s) specific TDGS assay produces highly reproducible gene specific two-dimensional spot pattern.
2. Researcher C
Research and diagnostic use of gene(s) specific TDGS assay produces highly reproducible gene specific two-dimensional spot pattern.
2b. Formatting of gel image (option A)
2b. Formatting of gel image (option A)
3. Data collection
Submission and centralized collection of product, individual and gene(s) specific two-dimesnional spot patterns
7'
7. Retrieval of information from the database for both research and diagnostic purposes.
4. Pattern formatting
Standardization of two-dimensional spot patterns (option B)
7. Retrieval of information from the database for both research and diagnostic purposes.
(TX) Internet 7
5. Data assembly (DB)
Centralized data storage and assembly of image pattern based data library.
6. Research tools to assemble and correlate information from thousands of individuals
6a. Match spot patterns to specific nucletide sequences to create highly comprehensive population variant maps for all/most gene coding regions.
6b. Comparison of gene specific spot patterns for extensive comparative population genetics and establishment of genotype/phenotype correlation.
6c. Comparison of multiple individuals and genes (phenotype/geneotype) to develop multigene marker systems of high economic and clinical utility.
6d. Reference of image patterns of marker systems for highly informative applied genetic testing.

Fig. 2

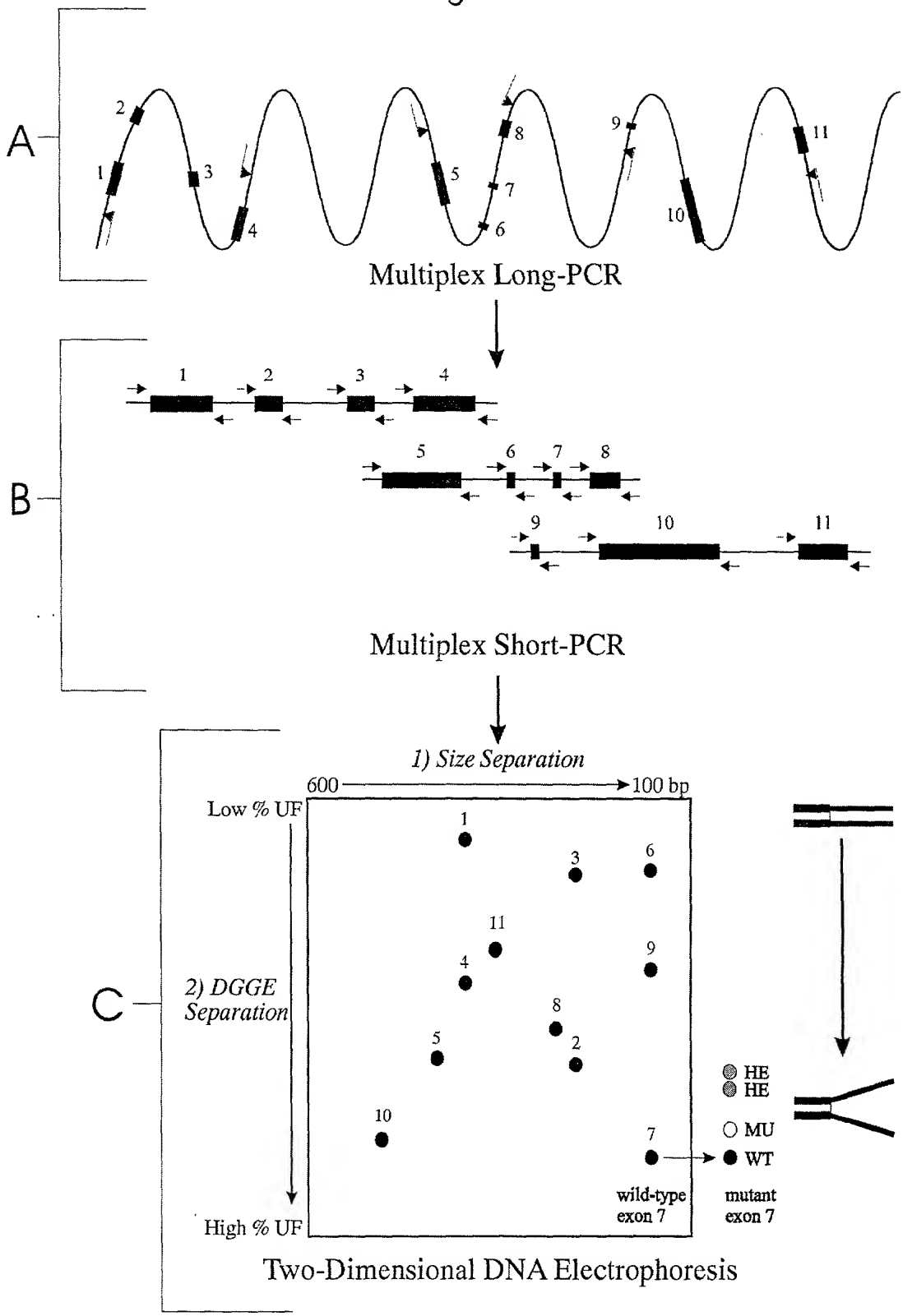
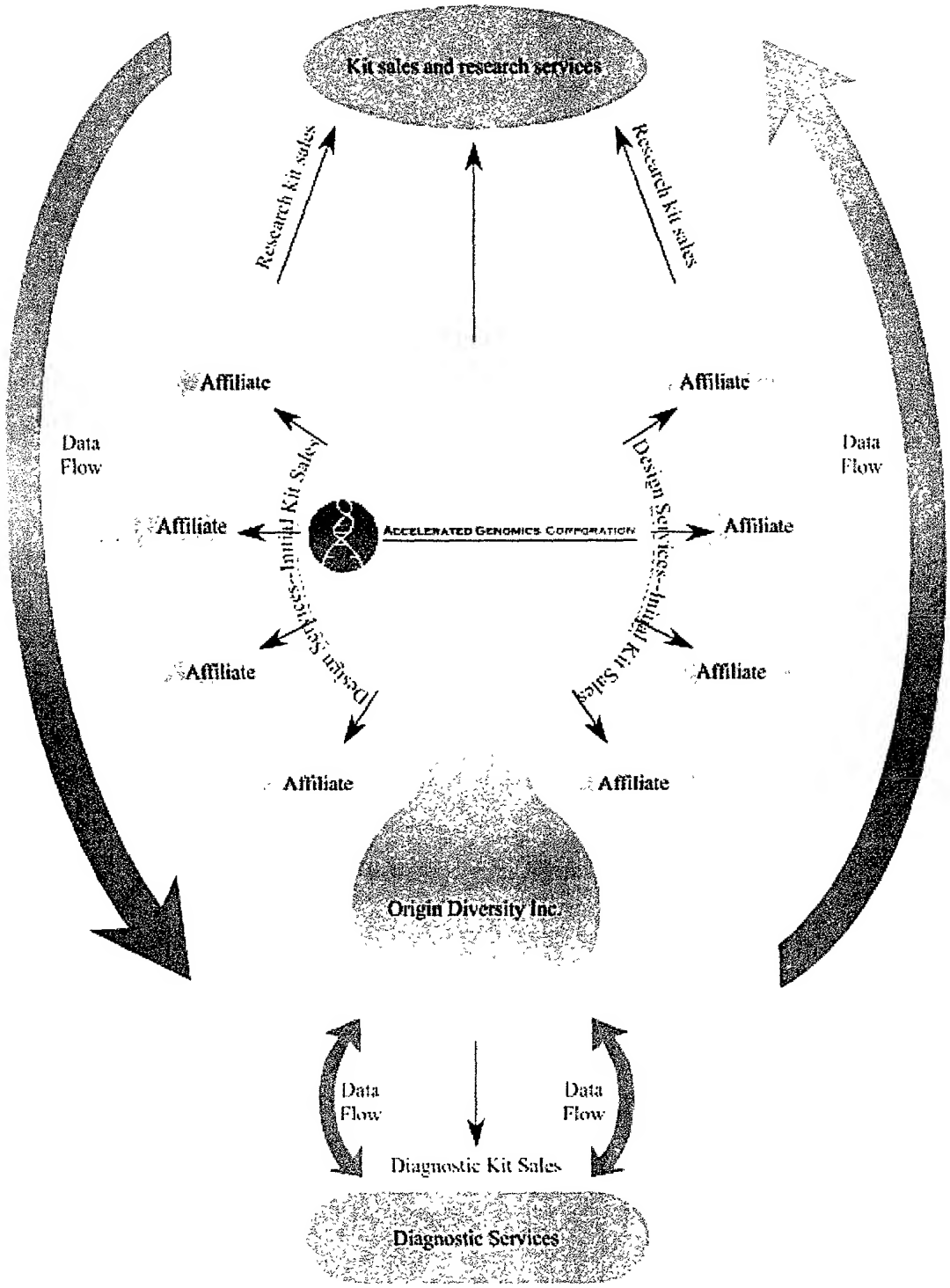

A
1
2
3
4
5
6
7
8
9
10
11
Multiplex Long-PCR
B
1
2
3
4
5
6
7
8
9
10
11
Multiplex Short-PCR
C
1) Size Separation
600
100 bp
Low % UF
2) DGGE Separation
High % UF
HE
HE
MU
WT
wild-type exon 7
mutant exon 7
Two-Dimensional DNA Electrophoresis

Fig. 3


Kit sales and research services
Research kit sales
Research kit sales
Affiliate
Affiliate
Data Flow
Data Flow
Affiliate
Affiliate
ACCELERATED GENOMICS CORPORATION
Design Services--Initial Kit Sales
Design Services--Initial Kit Sales
Affiliate
Affiliate
Affiliate
Affiliate
Origin Diversity Inc.
Data Flow
Data Flow
Diagnostic Kit Sales
Diagnostic Services